

Date: Fri, 26 Nov 93 08:39:00 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1390
To: Info-Hams

Info-Hams Digest Fri, 26 Nov 93 Volume 93 : Issue 1390

Today's Topics:

 Cellular Interception Equipment
 CENSORSHIP WARNING
 Daily Summary of Solar Geophysical Activity for 18 November
 How Long are Licenses taking?
 Oded Feingold's BOMB THREATS
 Source for FCC 610 form?
 VK2SG RTTY DX Notes, 19 November

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 19 Nov 1993 15:20:54 GMT
From: dog.ee.lbl.gov!agate!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
nntp.cs.ubc.ca!alberta!nebulus!ve6mgs!mark@network.ucsd.edu
Subject: Cellular Interception Equipment
To: info-hams@ucsd.edu

< Moderator Note: This information came to my attention, as it is a product >
< announcement, I am posting this with the intention of informing people of >
< the availability of this kind of product, and not as an endorsement. The >
< effect of ECPA 2512 on the posting of this document in the US may have >
< some serious ramifications if I was posting this from the US ... >
< Ciao -- Mark Salczyn >

ELECTRONIC COUNTERMEASURES INC.
65 - 31 Avenue S.W., Calgary, Alberta, Canada T2S 2Y7
(403) 233-0644 Cellular (403) 651-5830

NEWS RELEASE

CELLULAR SURVEILLANCE INTERFACE

Electronic Countermeasures Inc. announces the release of new software to allow the use of their Cellular Surveillance Interface (CSI) on any cellular system world wide.

The CSI decodes the data transmitted on cellular control channels. It interprets the data as cellular commands, displays it on your PC screen, and tunes your radio.

It is compatible with cellular systems in North America, Europe, the Middle East, Southeast Asia, Hong Kong, etc. Anywhere there is a cellular system using the AMPS, TACS or ETACS standards; including those international systems that use variable control channel starting points for different countries.

In simple terms, the CSI reads the control channel data in a cell and switches your radio to the specified voice frequency when a cellular call is placed or received in that cell. This allows you to monitor the call for voice quality, etc. When the call switches to a new voice channel, your radio now switches as well. In essence, the CSI turns your Icom, AR, or PRO series radio into an extension of the phone you're monitoring. No more partial calls. You get it all.

The CSI is a high tech, low-cost test instrument for the cellular service shop. It has additional application as a fixed or mobile surveillance unit for law enforcement, and a tool for the engineer or hobbyist in the development of new cellular and other radio data applications.

The CSI is shipped complete with all cables, radio mod kit, and the latest PC software package.

For further information contact:

W. J. (Bill) Fischer

Electronic Countermeasures Inc
65 - 31 Avenue South West
Calgary, Alberta, Canada T2S 2Y7
+1 (403) 233-0644

Date: Sat, 20 Nov 1993 08:32:22 GMT
From: netcomsv!netcom.com!msattler@decwrl.dec.com
Subject: CENSORSHIP WARNING
To: info-hams@ucsd.edu

Jeff Herman (jherman@uhunix3.uhcc.Hawaii.Edu) wrote:

: This notice is to warn all net posters that within our elements is a
: small group that is attempting to practice censorship; if they do not
: agree with your viewpoint, they will contact your postmaster to
: complain that you are intentionally attempting to create animosity
: on the net or that your article has no relation to the newsgroup topic.

While it is sadly true that there will always be those small of mind
that attempt to circumvent the free expression of ideas in the name
of something or another, those of us who have been around for many
years have found the way to deal with it. I enclose the response
of one particular sysop when faced with whiners (net.bozos).

Remember: the net considers censorship as damage and tends to
route around it.

Date: Thu, 18 Nov 1993 21:31:50 MST
From: dog.ee.lbl.gov!agate!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
nntp.cs.ubc.ca!alberta!nebulus!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 18 November
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

18 NOVEMBER, 1993

\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 18 NOVEMBER, 1993

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 322, 11/18/93
10.7 FLUX=102.6 90-AVG=094 SSN=056 BKI=2110 4543 BAI=016
BGND-XRAY=B1.4 FLU1=7.6E+05 FLU10=1.3E+04 PKI=2111 4543 PAI=018
BOU-DEV=015,007,006,004,060,118,053,039 DEV-AVG=037 NT SWF=00:000
XRAY-MAX= C1.6 @ 1332UT XRAY-MIN= B1.2 @ 1829UT XRAY-AVG= B3.0
NEUTN-MAX= +003% @ 1440UT NEUTN-MIN= -001% @ 1515UT NEUTN-AVG= +0.8%
PCA-MAX= +0.1DB @ 1345UT PCA-MIN= -0.4DB @ 1415UT PCA-AVG= -0.0DB
BOUTF-MAX=55367NT @ 1304UT BOUTF-MIN=55324NT @ 1735UT BOUTF-AVG=55351NT

GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+068,+000,+000
GOES6-MAX=P:+184NT@ 1447UT GOES6-MIN=E:-140NT@ 1711UT G6-AVG=+091,+018,-024
FLUXFCST=STD:105,105,105;SESC:105,105,105 BAI/PAI-FCST=015,010,010/015,010,012
KFCST=2334 4231 1113 3111 27DAY-AP=011,010 27DAY-KP=4332 2332 2342 2232
WARNINGS=*SWF
ALERTS=**MAGSI:16NT@1211UTC;**245STRM:1752-2001UTC;**MAGPAUSE
!!END-DATA!!

NOTE: The Effective Sunspot Number for 17 NOV 93 was 42.0.
The Full Kp Indices for 17 NOV 93 are: 2- 1- 1o 1o 2- 1o 3- 3-

SYNOPSIS OF ACTIVITY

Solar activity was low. Region 7618 (N08W05) came to a bit of life this period producing numerous C-class flares. In white light, the region showed restructuring and continues to grow in spot number, area coverage, and complexity. All reports indicate the region has developed a delta in the north central portion of the group with kinked a n-s oriented inversion line. New Region 7620 (N05E71) was numbered last night. This Region is probably the return of old Region 7608.

Solar activity forecast: solar activity is expected to be low to moderate. Region 7618 is expected to produce C-class, and possibly M-class activity for the remainder of its time on the disk.

STD: A full-disk Yohkoh x-ray image has been appended to this report.

The geomagnetic field was quiet to unsettled from the beginning of the period until 1211Z when a disturbance began. A sudden impulse occurred at 1211Z (16 nanotesla in Boulder) and was followed by active to minor storm conditions at mid-latitudes and minor to severe storm levels at high latitudes. Magnetopause crossings were seen at both geosynchronous satellites (STD: GOES-6 and GOES-7) from about 1600-1730Z (STD: for GOES-6, 1604Z to 1718Z). This increase was probably caused by a favorably positioned coronal hole.

Geophysical activity forecast: the geomagnetic field is expected to be mostly active with brief storm periods for the next 12 hours. The field will quiet down to mostly unsettled for the remainder of the period.

Event probabilities 19 nov-21 nov

Class M	60/60/60
Class X	10/10/10
Proton	10/10/10
PCAF	Green

Geomagnetic activity probabilities 19 nov-21 nov

A. Middle Latitudes

Active	25/10/10
Minor Storm	15/05/05
Major-Severe Storm	05/01/01

B. High Latitudes

Active	50/30/15
Minor Storm	15/05/05
Major-Severe Storm	10/01/01

HF propagation conditions were near-normal over the low and middle latitude regions. Effects of the disturbance noted above were only weakly noticed, particularly on the upper-middle latitude night-sector paths. High and polar latitude paths also saw sporadic signal degradation during the period, again mostly on night-sector transauroral paths where fading, multipathing, and minor auroral absorption contributed to signal instabilities. Signal conditions on transpolar and transauroral circuits are expected to remain sporadically unstable over the next 24 hours. Effects of the current disturbance could persist through much of 19 November before weakening. Thereafter, propagation should return to near-normal over all regions. No significant effects are expected over the middle or low latitude regions, although night-sector fading levels should be enhanced on upper-middle latitude paths.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 18/2400Z NOVEMBER

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7618	N08W05	338	0740	DKI	09	035	BETA-DELTA	
7620	N05E71	262	0000	AXX	01	001	ALPHA	
7616	N11W72	045					PLAGE	
7619	N10W71	044					PLAGE	

REGIONS DUE TO RETURN 19 NOVEMBER TO 21 NOVEMBER

NMBR	LAT	LO
------	-----	----

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 18 NOVEMBER, 1993

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
1928	2115	2155			C1.4		110		

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 18 NOVEMBER, 1993

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
18/1135	1230	1303	N08E022	LDE	B5.1	88		
18/1928	2115	2155		LDE	C1.4	147		

INFERRED CORONAL HOLES. LOCATIONS VALID AT 18/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NO DATA AVAILABLE FOR ANALYSIS								

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
17 Nov:	1819	1829	1840	B6.0	SF	7618	N07E11			
	2112	2121	2132	B2.4						
	2207	2215	2222	B2.2						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7618:	0	0	0	1	0	0	0	0	001	(33.3)
Uncorrelated:	0	0	0	0	0	0	0	0	002	(66.7)

Total Events: 003 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations

III, V

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

North

[illegible]

> I took my test at a VEC session a while back and I am hoping
> I don't lose interest before the license arrives.
>
> Who has a story on the quickest arrival of a license?
>
>
> Peter Miller
>
> --
> =====
> Peter M. Miller Home: 303-494-6990
> Computing and Network Services - Small Systems Work: 303-492-4866
> University of Colorado - Boulder millerpe@spot.colorado.edu

Date: Fri, 1 Oct 1993 18:58:42 GMT
From: msattler@netcom.com (Michael Sattler)
Subject: Oded Feingold's BOMB THREATS
It pains me to see that the two of you (excerpts are provided at the end
of this message) don't have a clue about the Bill of Rights, etc. Please
read them immediately. Enclosed is the reply I got from the sysop of
the system that Oded uses; thank kibo that he's got more of a clue than
you two do. May you be banished to Prodigy for your small-minded
attempts to squelch something that you don't agree with. Luddites.

----- reply from the enlightened sysop -----

Date: Fri, 1 Oct 93 14:30:38 -0400
From: Nick Papadakis <nick@martigny.ai.mit.edu>
To: msattler@netcom.com
Cc: postmaster@martigny.ai.mit.edu, postmaster@martigny.ai.mit.edu,
oaf@martigny.ai.mit.edu
Subject: Oded Feingold (oaf@zurich.ai.mit.edu)
Reply-To: nick@mit.edu
X-Address: MIT AI Lab, NE43-438, 545 Technology Square, Cambridge, MA 02139
X-Switzerland: Neutral -- but heavily armed.

> A few net.goofballs have targeted the postmaster at zurich to complain
> about Oded's witty repartee. Just to warn you. Some of us enjoy his
> contributions.

Thanks for the warning; we've seen it already. Rest assured
that no one here is going to go nonlinear over this sort of thing.
Frankly, I didn't bother to reply. I just barely managed to bother to
read it.

For a good summary of my attitude, take a look at page 58 of "The Mac Internet Tour Guide", in the little box under "Dear Sysadmin, punish your user for what he said!" The quote there that begins "I believe you need a short lesson in the operation of free speech", is in fact mine, though unattributed. It ends: "if these posting offend you, I suggest you find out how kill files work, instead of wasting the time of overworked system administrators who aren't being underpaid to deal with this sort of childishness."

Cheers,

- nick

----- excerpts from net.bozos -----
an37771@anon.penet.fi wrote:

```
: >Date: Thu, 30 Sep 1993 16:19:18 UTC
: >From: an9727@anon.penet.fi
: >Subject: Re: The internet is NOT for sending BOMB THREATS (long
: >X-Anonymously-To: an37771
: >Organization: Anonymous contact service
: >
: >Hi!
: >THANKS for your response to Feingold! Idiots like this obviously don't
: >understand the current fragility of our internet freedom...this is the
: >[boring, tedious dweebosity deleted]
: >
: >Michael Acklin
: >Research Analyst
: >University of Arkansas
: >
: >Oded Feingold's real address is <oaf@zurich.ai.mit.edu>. His?/her?
: >(Feingold's) system admin can be reached by sending mail to
: ><postmaster@zurich.ai.mit.edu>
```

--

Michael S. Sattler	msattler@netcom.com	+1 (415) 358-3058
Digital Jungle Software	Encrypt now; ask me how.	(finger for PGP key)

--

Michael S. Sattler	msattler@netcom.com	+1 (415) 621-2903
Digital Jungle Software	Encrypt now; ask me how.	(finger for PGP key)

All that is required for evil to triumph is
for {wo}men of good will to do nothing.

Date: Fri, 19 Nov 1993 20:24:18 -0800
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!elroy.jpl.nasa.gov!
spinnaker.jpl.nasa.gov!user@network.ucsd.edu
Subject: Source for FCC 610 form?
To: info-hams@ucsd.edu

I just spent the better part of an hour combing through the ARRL info
server files, and couldn't find a source for the FCC 610 form. Does anyone
know whether the field offices can provide them, or do you have to mail
Gettysburg for one?

Say, does anyone have a PostScript version? That would be cool, too.

--
Leif J. Harcke, N3EEN <----- just moved to California!
Leif_J_Harcke@jpl.nasa.gov

Date: Sat, 20 Nov 93 09:15:04 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!cis.ohio-state.edu!mstar!n8emr!bulletin@network.ucsd.edu
Subject: VK2SG RTTY DX Notes, 19 November
To: info-hams@ucsd.edu

=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

SB DX @ ALLBBS \$RTDX1119
VK2SG RTTY DX Notes, 19 November
VK2SG RTTY DX Notes for week ending 19 November 1993 (BID RTDX1119)

It is not too late for you to write to your representative on the DX
Advisory Committee (DXAC) expressing your support for a RTTY (digital)
Honor Roll. Committee votes will be tallied, and announced, at the
end of November.

Our information this week came from 9X5LJ, DJ3IW and the DB0BCC
Cluster Node, I5FLN, IK5AAX, K0IR, K0SR, ON7GB, W2TKU, WB2CJL, ZS5S,
The NJ0M Node of the Twin Cities DX Packetcluster Network, and
OPDX/BARF80. Thanks to all for your help.

The WAEDC provided most of the RTTY activity this past week.

Bandpass:

Friday 12

0014-14084 C06CG
0028-14086 VP8BFH
0300--7082 YV5MUX
0304--7082 NL7VX
1145-14090 VK2KM
1254-14083 UM7/UA3TT QSL DF7RX
1322-21087 UT5RP
1403-14083 J28TT
1513-14082 OH0BBF
2123-14087 PJ2MI
2128-14088 ZF2VV QSL NX1L
2131-14091 HP1XBH
2132-14088 5X1C

Saturday 13

0727-14084 SV2BBJ
1213-21089 ER0F
1244-21092 FR5DX
1305-21079 OH0BBF
1312-14081 UH8EA
1406-21088 ZS9A
1627-21084 EC3ACG
1637-14086 RT7U
1700-28085 WP4KAG
1835--7037 UH8EA
1905-21091 ZV2BW
2020--3580 OH0BBF
2209--3795 409S
2225-21087 ZF2VV
2235-21082 VK2RL
2246-21082 VK2RT
2257-14087 BY1QH
2258--3581 UH8EA
2332--7035 OH0BFF

Sunday 14

0018-14084 BY1QH
0038-14088 WL7EF
0130-21090 C21/ZL1AM0 QSL ZL1AM0
0737-21085 FR5DX
1004-21084 SV2XMV
1118-21090 ZP5FGS
1150-21082 TT80B0 QSL WA40B0 (not W40B0) see note
1210-21089 TY1PS

1310-14087 5B4UX
1346-21087 4X6U0
1348-14081 RU1A
1411-21090 GM0/WN1G
1415-21081 EA9MY
1420-21085 HJ3SAN
1428-21090 HK1LAQ
1431-21097 A22BW
1438-21095 DU1MP
1500-21089 XE/DJ6OU
1520-28089 HK0HEU
1620-21087 HP1XBH
1800--3584 OH0BBF
1806--3582 UZ9CWA
1808--7038 UH8EA
1853-21076 CP1FF
2106-14092 A9MKR (?)
2149-14083 5N/DF8QB
2159--7037 VK6HD
2210--7031 YL75KL
2210--7031 UN5PR
2210--7035 ER0F
2248-14084 VK6HD
2315-14092 PP7GAG
2318-14082 OA4ZV
2327--3589 GD3HDL

Monday 15

0935-21088 TT80B0
1001-21084 UI80AW
1025-14088 HK4DF
1029-14089 UV9AV
1911-21085 J88BS
1943-14091 FG5FI
2023-14088 J88BS
2118-14086 5K3W QSL HK3SGP
2314-14088 XL7U for prefix QSL VE7UBC

Tuesday 16

No Reports

Wednesday 17

2227-14084 C06RR

Thursday 18

No Reports

Notes of Interest:

There have been erroneous, on-the-air reports, that the upcoming February 1994 Peter I DXpedition (3Y0PI) has established certain rules about multiple band/mode contacts, and portable station designators. Ralph, K0IR, leader of the expedition, has emphatically stated that no such rules exist, nor or any contemplated.

Republic of Belau, KC6 - Several Japanese operators will be active on all bands, 160-6 meters, this weekend until Tuesday 23 November on RTTY/CW/SSB. QSL to JK1QHK.

South Cook I., ZK1 - Now, until 25 November, three Japanese operators will be active from here on all bands, 160-10 meters, RTTY/CW/SSB. QSL to JI1NJC.

French Antarctic Islands, FT8X, FT8Z - Christian, FT8WD is leaving Crozet on 24 November. The ship picking him up will deliver another ham to either Kerguelen or Amsterdam Island. Details when available.

The DXCC Desk advised Steve, K0SR, that TT80B0 is not being accepted at this time pending the receipt of proper documentation. A previous credit for a contact with him last Spring was removed. If your DXCC has been credited with TT80B0, better verify if it is still in your current total.

QSLs from the recent 9H1HL operation are arriving. Has anyone seen cards from E31A yet?

For next week's Bulletin, send your Bandpass and Notes of interest to Luciano, I5FLN @ ZS5S.ZAF.AF or I5FLN @ 9X5LJ.#KGL.RWA.AF.

73 ES Good Hunting DE JULES W2JGR @ W2TKU.#SRQFL.FL.USA.NA
/EX
SP KT7H @ N7DUO.WA.USA.NA

Date: Wed, 24 Nov 1993 13:00:36 GMT
From: ucsnews!sol.ctr.columbia.edu!emory!kd4nc!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Nov23.110449.29254@ke4zv.atl.ga.us>,
<1993Nov23.194146.9573@es.dupont.com>, <CGzLCI.J70@news.Hawaii.Edu>
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: Miss Manners in the Novice Sub-bands?

In article <CGzLCI.J70@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeff

Herman) writes:

>In article <1993Nov23.194146.9573@es.dupont.com> collinst@esvx19.es.dupont.com
writes:

>> I don't know what your experience with CW has been,
>> but I image a negative one from all your anti-Morse-Code
>> postings.

>

>We can only speculate why he has such a dislike of CW and why he would
>expend so much time and effort pretending and trying to convince others
>that it's useless as a communication mode. My guess is that he
>wants to upgrade but cares not to spend the time nor the effort to
>build up to 20 wpm.

Well you're wrong as usual Jeff. I like CW, I've even operated AM
stations professionally as well as in the amateur service, AM of
course uses a CW carrier. Now Morse Code I don't particularly like,
though I used it too back in my traffic net days in the early 1960s.
It's tedious, archaic, has a low information rate, and is prone to
human transmission error, in short *boring*. I was delighted when
better transmission encodings became popular in the amateur service.
Human beings have better things to do than emulate a slow modem. I
can still copy about 15 WPM, though my sending is probably awful
since I haven't touched a key in years. I did copy ZR0-8 in the
AMSAT test while evaluating my satellite station, but I don't use
Morse for contacts anymore. I look at it like John Henry futilely
racing the steam hammer.

As to upgrading, I had full amateur priviledges prior to 1968 and
I'll be damned if I'll take that inane beep-beep test at 20WPM to
get them back. I even regret the moment of weakness when I took
the Advanced so I could again access some of my favorite voice
net frequencies. It's a matter of principle with me. I intend to
live to see the day when Incentive Licensing is flushed down the
toilet of history as the divisive and irrelevant piece of crap it
is.

Gary

--

Gary Coffman KE4ZV	Where my job's going,	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	I don't know. It might	uunet!rsiatl!ke4zv!gary
534 Shannon Way	wind up in Mexico.	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-NAFTA Blues	

End of Info-Hams Digest V93 #1390
